Application No.:
Amendment dated:

10/755,584 July 13, 2004 May 12, 2004

Reply to Office Action of:

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- 1-4. (Cancelled).
- 5. (Currently Amended) A screen printing apparatus for printing paste onto a substrate via pattern apertures of a mask plate by sliding a squeegee head on the mask plate, said squeegee head comprising:
 - (a) a paste storage for storing paste;
- (b) a pressure applying member for applying pressure to the paste in said-the paste storage;
- (c) a paste cell for accommodating the pressurized paste and bringing the paste into contact with a surface of the mask plate via an opening formed on a lower face of said-the paste cell;
- (d) a scraper forming a front wall and a rear wall in a squeegee-moving direction, and forming a brim of the opening with a lower end of said_the scraper contacted with contacting a surface of the mask plate, the front and rear walls of the scraper defining front and rear walls of the paste cell; and
- (e) a paste-shearing member, disposed in said-the paste cell and between the front and rear walls of the paste cell, the paste-shearing member having a vertical face contacting with the pressurized paste, for shearing the paste flowing down along the contacting face.
- 6. (Original) The screen printing apparatus of claim 5, wherein said pasteshearing member forms a lattice.
- 7. (Cancelled).

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- 8. (Currently Amended) A method of screen printing for printing paste onto a substrate via pattern apertures of a mask plate by sliding a squeegee head on the mask plate, said method comprising the steps of:
 - (a) pressurizing the paste in a paste storage disposed in the squeegee head;
- (b) accommodating the pressurized paste in a paste cell having an opening at a lower face of the paste cell, and bringing the paste into contact with a surface of the mask plate; and
- (c) shearing the paste flowing down along a contacting face with a paste-shearing member disposed in the <u>paste</u> cell and <u>between the front and rear walls of the paste cell, the paste-shearing member having vertical faces contacting with the pressurized paste.</u>